

Title (en)

TWO COMPONENT (2K) CURABLE COMPOSITION

Title (de)

ZWEIKOMPONENTIGE (2K) HÄRTBARE ZUSAMMENSETZUNG

Title (fr)

COMPOSITION DURCISSABLE À DEUX COMPOSANTS (2K)

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021099128A1] The present invention provides a two-component (2K) curable composition comprising: (A) a first component comprising: i) at least one cyanoacrylate monomer represented by Formula 1 : $H_2C=C(CN)-COOR$ (1) wherein: R is selected from C1-C18 alkyl, C3-C18 cycloalkyl, C2- C15 alkenyl, C6-C18 aryl, C7-C15 aralkyl and C3-C15 allyl; and, ii) peroxide catalyst; and, iii) at least one cure accelerator for said at least one cyanoacrylate monomer i); (B) a second component comprising: i) at least one free radically curable compound; and, ii) at least one transition metal compound, wherein, when said components are mixed together the peroxide catalyst initiates cure of said free radically curable compound(s) and the transition metal compound(s) initiates cure of the cyanoacrylate monomer(s), and further wherein said at least one free radically curable compound comprises at least one unsaturated polyester polymer containing at least two cycloolefinic double bonds.

IPC 8 full level

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CPC (source: EP KR US)

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See references of WO 2021099128A1

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